

## CLAIMS

1. Video transmission system comprising:

- a camera including a transmitter for sending image by radiofrequency and identification means for transmitting a locating signal; and
- a directional antenna for receiving the image from the transmitter of the camera, the antenna including locating means for locating the locating signal and a servo-control means for directing the antenna at the transmitter of the camera.

5 2. System according to Claim 1, wherein the identification means is an optical means.

10 3. System according to Claim 2, wherein the optical means is an emitter of visible light.

15 4. System according to Claim 2, wherein the optical means comprises an infrared emitter (14).

5. System according to Claim 1, wherein the locating means comprises a matrix sensor.

20 6. System according to Claim 5, wherein the matrix sensor is placed at the centre of the directional antenna.

7. System according to Claim 1, wherein the locating means comprises at least three detectors.

8. System according to Claim 7, wherein the detectors are situated around the perimeter of the antenna.

25 9. System according to Claim 1, wherein the locating signal identifies a camera from amongst several cameras.

10. Video camera comprising a transmitter for sending images by radio frequency and identification means which transmits a locating signal for locating the camera.

30 11. Camera according to Claim 10, wherein the identification means is an optical means.

12. Camera according to Claim 11, wherein the optical means is an emitter of visible light.

35 13. Camera according to Claim 11, wherein the optical means comprises an infrared emitter.

14. Camera according to Claim 10, wherein the locating signal identifies a camera from amongst several cameras.

15. Directional antenna for receiving the images from a camera, the antenna comprising a locating means for locating a locating signal and a

- servo-control means for directing the antenna at the transmitter of the camera.
16. Antenna according to Claim 15, wherein the locating means comprises a matrix sensor.
- 5 17. Antenna according to Claim 16, wherein the matrix sensor is placed at the centre of the directional antenna.
18. Antenna according to Claim 15, wherein the locating means comprises at least three infrared detectors.
19. Antenna according to Claim 18, wherein the detectors are  
10 situated around the perimeter of the antenna.